FIG. 1

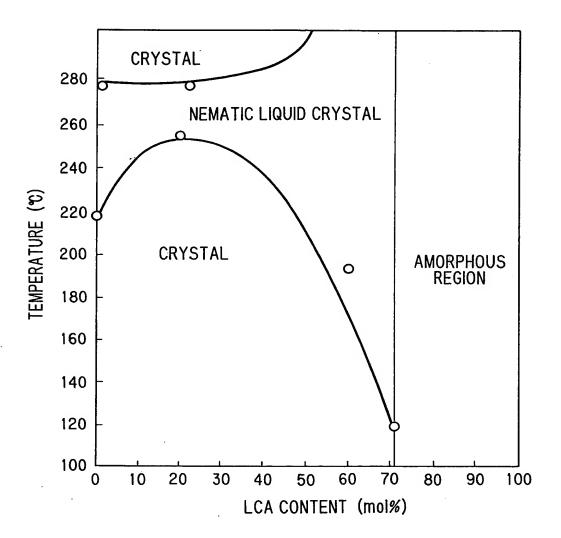


FIG.2

## COPOLYMER STRUCTURE (EFFECT OF LCA)

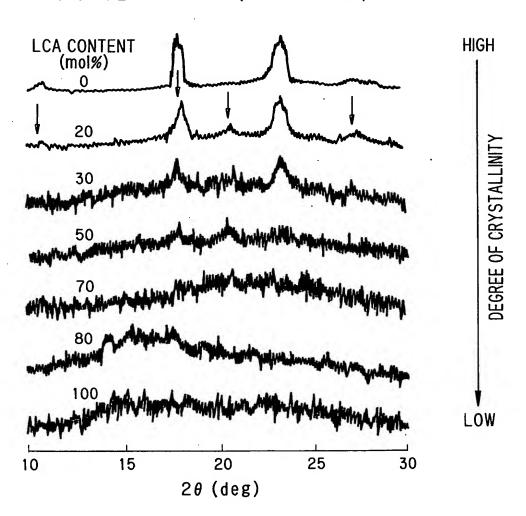


FIG.3C

FIG.3B

FIG.3A

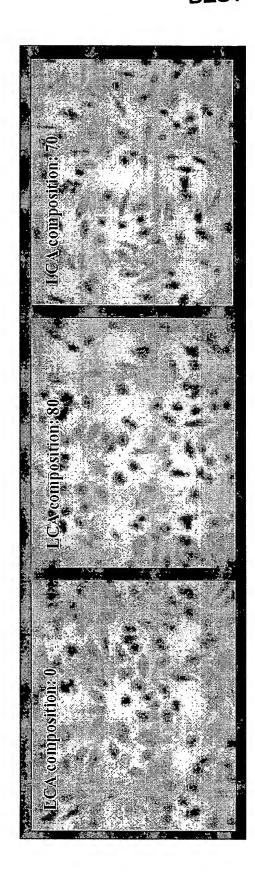


FIG. 4A

CRYSTAL (25℃)



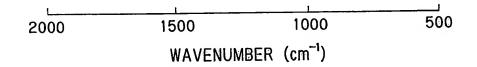
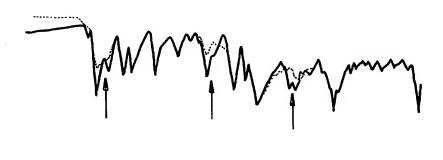


FIG.4B

LIQUID CRYSTAL (220°C)



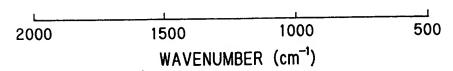


FIG.5A

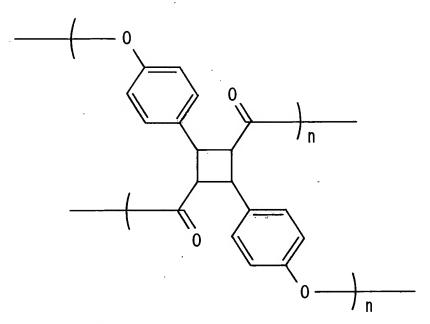
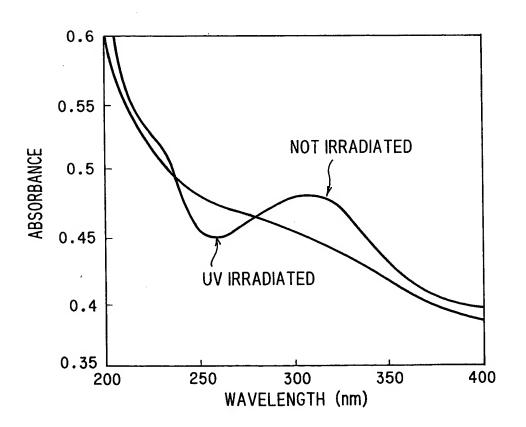
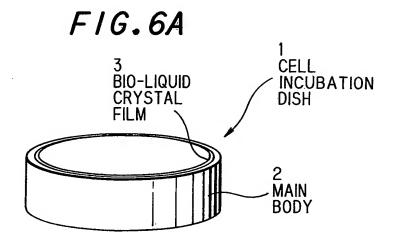
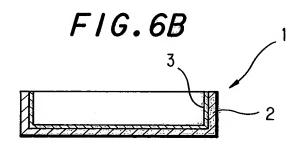
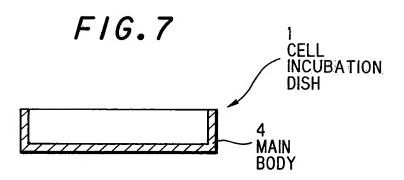


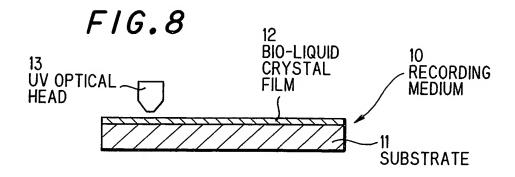
FIG.5B

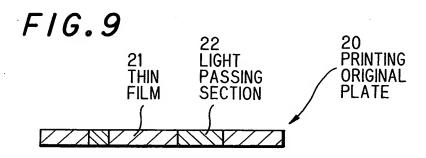












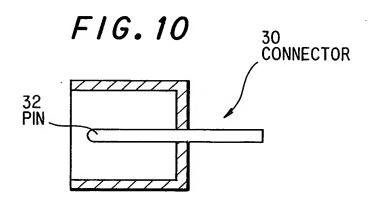


FIG. 11

